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FIRST INFORMATION DISCLOSURE	APPLICANT Yoshiki HIRANO et al.	
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Chemistry, vol. 48, No. 5, pp. 825-829 (1976) DANIEL BOMBICK, ET AL., "POTASSIUM ION CHEMICAL IONIZATION AND OTHER USES OF AN ALKALI THERMIC EMITTER IN MASS SPECTROMETRY", Analytical Chemistry, Vol. 56, No. 3, pp. 396-402 (1984) TOSHIHIRO FUJII ET AL., "CHEMICAL IONIZATION MASS SPECTROMETRY WITH LITHIUM ION ATTACHMENT TO MOLECULE", Analytical Chemistry, Vol. 61, No. 9, pp. 1026-1029 (1989) TOSHIHIRO FUJII, "A NOVEL METHOD FOR DETECTION OF RADICAL SPECIES IN THE GAS PHASE: USAGE OF LION ATTACHMENT TO CHEMICAL SPECIES", Chemical Physics Letters, Vol. 191, No. 1.2, pp. 162-168 (1992)			U.	S. PATENT DOCUMENTS			
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